

Title (en)
FACE SEAL FOR RESPIRATOR

Title (de)
GESICHTSDICHTUNG FÜR ATEMSCHUTZGERÄT

Title (fr)
ECRAN FACIAL POUR RESPIRATEUR

Publication
EP 1061822 A1 20001227 (EN)

Application
EP 98934307 A 19980708

Priority
• US 9814096 W 19980708
• US 3763198 A 19980310

Abstract (en)
[origin: WO9945808A1] A face seal assembly (20) for respirators comprising a generally U-shaped frame (44) having a bottom portion (54) and first and second side portions (50, 52) spaced from each other and extending in a generally upward direction from the bottom portion (54). The assembly (20) further includes a first face seal segment (46) attached to the bottom portion (54) at a point closer to the second side portion (52) than the first side portion (50) and to the first side portion (50) at a point above the bottom portion (54), and a second face seal segment (48) attached to the bottom portion (54) at a point closer to the first side portion (50) than the second side portion (52) and to the second side portion (52) at a point above the bottom portion (50). The first and second face seal segments (46, 48) may each include an elastic piece (60, 62). Further, at least a portion of the first face seal segment (46) may extend beyond the elastic piece (60) of the first face seal segment to form a first face seal flap (68) and at least a portion of the second face seal segment (48) may extend beyond the elastic piece (62) of the second face seal segment (48) to form a second face seal flap (70). The first and second face seal segments (46, 48) may be made of cloth, which may be nonwoven fabric, a woven fabric, a flame-retardant material, or an elastic material. The cloth of the first and second face seal segments (46, 48) may also be nonporous to prevent the movement of air through the cloth.

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Citation (search report)
See references of WO 9945808A1

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